

Rat enkephalin, ENK ELISA Kit | ENK elisa kit

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CATALOG #
AAA42576

REACTIVITY
Rat

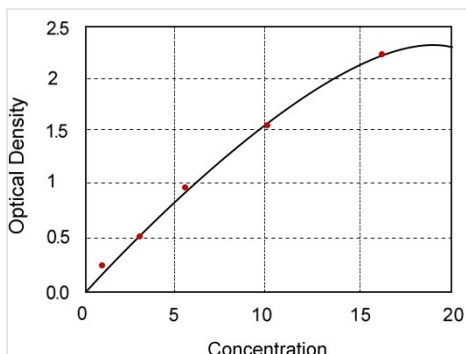
PRODUCT SYNONYMS

enkephalin; ENK; Rat enkephalin; ENK ELISA Kit; ENK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	269
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	40ng/L - 1000ng/L
Sensitivity	20.01ng/L
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ENK elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Enkephalin (also known as ENK) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat ENK antibody. ENK present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat ENK Antibody is added and binds to ENK in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ENK antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat ENK. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	204026
NCBI GeneID	29237
UniProt Accession #	P04094; Q53X05
Molecular Weight	30,932 Da
NCBI Official Full Name	enkephalin
NCBI Official Synonym Full Names	proenkephalin
NCBI Official Symbol	Penk
NCBI Official Synonym Symbols	Enk; Penk1; Penk2; Penk-rs
NCBI Protein Information	proenkephalin-A
UniProt Protein Name	Proenkephalin-A
UniProt Gene Name	Penk
UniProt Synonym Gene Names	Penk-rs; Penk1; OGF

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/enkephalin-enk/42576>